

Amendments to the Claims

1.-46. (Canceled)

47. (Currently Amended) In a computer system, a method of displaying one or more digital high dynamic range images, the method comprising:

receiving high dynamic range image information for a high dynamic range image;

deriving image segment information from the high dynamic range image information during pre-processing of the high dynamic range image, the image segment information defining receiving image segment information that defines two or more image segments in the high dynamic range image;
and

in response to a cursor passing over a first image segment of the two or more image segments in the high dynamic range image:

applying tone mapping to the first image segment; and

displaying the first image segment in accordance with at least one display parameter corresponding to the tone mapping that differs from a corresponding display parameter for a second image segment of the two or more image segments in the high dynamic range image.

48. (New) The method of claim 47 wherein the first image segment and the second image segment include information from different image files.

49. (New) The method of claim 47 wherein the displayed first image segment is blended with the second image segment.

50. (New) The method of claim 47 wherein the displaying the first image segment in accordance with at the least one display parameter corresponding to the tone mapping is performed on a display having a lower dynamic range than the high dynamic range image.

51. (New) In a computer system, a method of displaying one or more digital high dynamic range images, the method comprising:

accepting image information of the one or more digital high dynamic range images from a high

dynamic range image source;

as a pre-process, segmenting the one or more digital high dynamic range images into two or more image segments;

 caching the image information for retrieval;

displaying an image on a display device composed from the cached image information, the displayed image containing at least two of the image segments;

receiving input indicative of a cursor passing over a first image segment of the at least two of the image segments in the displayed image;

in response to the input:

 applying tone mapping to the first image segment, wherein the tone mapping is applied in accordance with at least one tone mapping display parameter that differs from a corresponding display parameter for a second image segment of the at least two of the image segments in the displayed image; and

 refreshing display of the image on the display device with the first image segment as modified by the tone mapping,.